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Photographic Intelligence Brief

MYS ZHELANIYA



HTA/SB-8/57  
31 December 1957

CENTRAL INTELLIGENCE AGENCY

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MYS ZHELANIYA

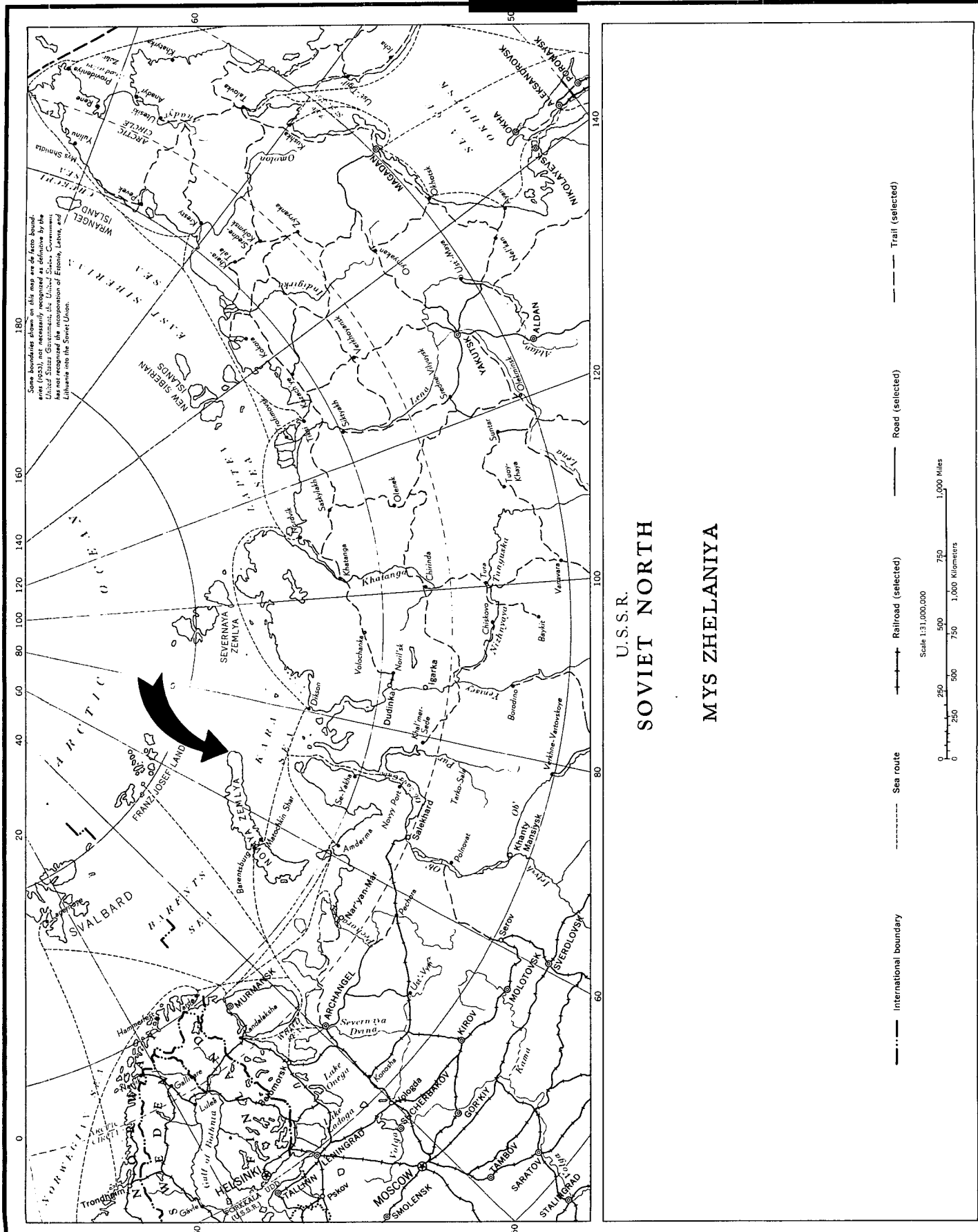
HTA/SB-8/57  
31 December 1957

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[REDACTED]  
PHOTOGRAPHIC INTELLIGENCE BRIEF  
CIA/RR-HTA

INSTALLATION:	Possible Down-Range Station	BRIEF NO.:	SB-8-57
LOCATION:	Mys (cape) Zhelaniya	DATE:	31 December 1957
B.E. NUMBER:	None	LAT.:	76° 52'N
WAC NUMBER:	14	LONG.:	68° 30'E

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[REDACTED]

ENCLOSURES:      Location Map  
                  Annotated sketch of Mys Zhelaniya

REQUIREMENT SI/S/R2/57: An instrumentation station for missile tracking may exist on Mys Zhelaniya. Look for concentration of electronics radar and/or related communications equipment.

REMARKS:

The existence of a guided missile test range in the Arctic Ocean has long been suspected. It is thought that a rangehead might be located in the general Murmansk area with an impact area in the vicinity of Ostrov Vize (79° 30'N/77° 00'E). Observation stations have been reported on Ostrov Uyedineniya (77° 28'N/82° 28'E), on a ship positioned between Franz Joseph Land and Novaya Zemlya, and on the tip of Novaya Zemlya.

25X1D      A meteorological station reportedly for studying movement and distribution of ice for sea traffic is located near the northern tip of Novaya Zemlya, on Mys (Cape) Zhelaniya at 76° 52'N/68° 30'E. A report including ground photography of [REDACTED] vintage describes the installation buildings and a windmill used to generate electrical power. Additions to the installation found on [REDACTED] aerial photography include a landing strip with associated navigational aids and increased or new communication facilities. Though the extent of electronic facilities observed at this small installation is not necessarily any more than could be utilized by a weather station and airfield, these facilities could also be used in conjunction with the testing of guided missiles. However, no positive identification of this function is clearly evident on available photography. Features of the station are described in the following list of annotations and identified on the accompanying map.

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### KEY TO ANNOTATIONS

1. Landing strip 3800' x 275' and oriented 90°/270°.
2. Possible beacon for ship and air navigation located on a ridge 1200' N of the west end of the strip. It consists of a [REDACTED] lattice tower with a platform at the [REDACTED] level.  
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3. Radio range facility located 1200' N of the east end of the strip. Four stick masts 140' high form a quadrangle 140' square with a 30' square building in the center.
4. Rectangular building with a single stick mast at the NW corner located 3400' NE of the east end of the landing strip. The mast is 30' high.
5. Lattice tower mounted on a small square building located 130' SE of the two 125' high stick masts (item 6). Combined height of the building and tower is 60'. The tower has three probable platforms evenly spaced along its height. The tower is at the approximate location of a windmill appearing on [REDACTED] ground photography. The tower is the same height and has the same number of platforms as the windmill. No blades are visible on [REDACTED] photography.  
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6. Radio station with a directional-type antenna located 4000' NE of the east end of the landing strip. It is composed of two stick masts 125' high, 265' apart, and oriented 70°/250°. These masts were not found on [REDACTED] ground photography.  
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7. Transmitter building with a 20' high stick mast at the west corner located 115' NE of the two 125' high stick masts. A line of short poles connects this building with the two tall masts.
8. Single stick mast 50' high located 230' south of the possible observation tower (item 9).
9. Small rectangular one-story building with an enclosed tower on its roof located 4800' NE of the east end of the landing strip on top of a hill 400' from the shore. Combined height of the building and tower is 25'. It is possibly used as an observation tower. There are indications of recent vehicular traffic between this building and other areas of the installation.

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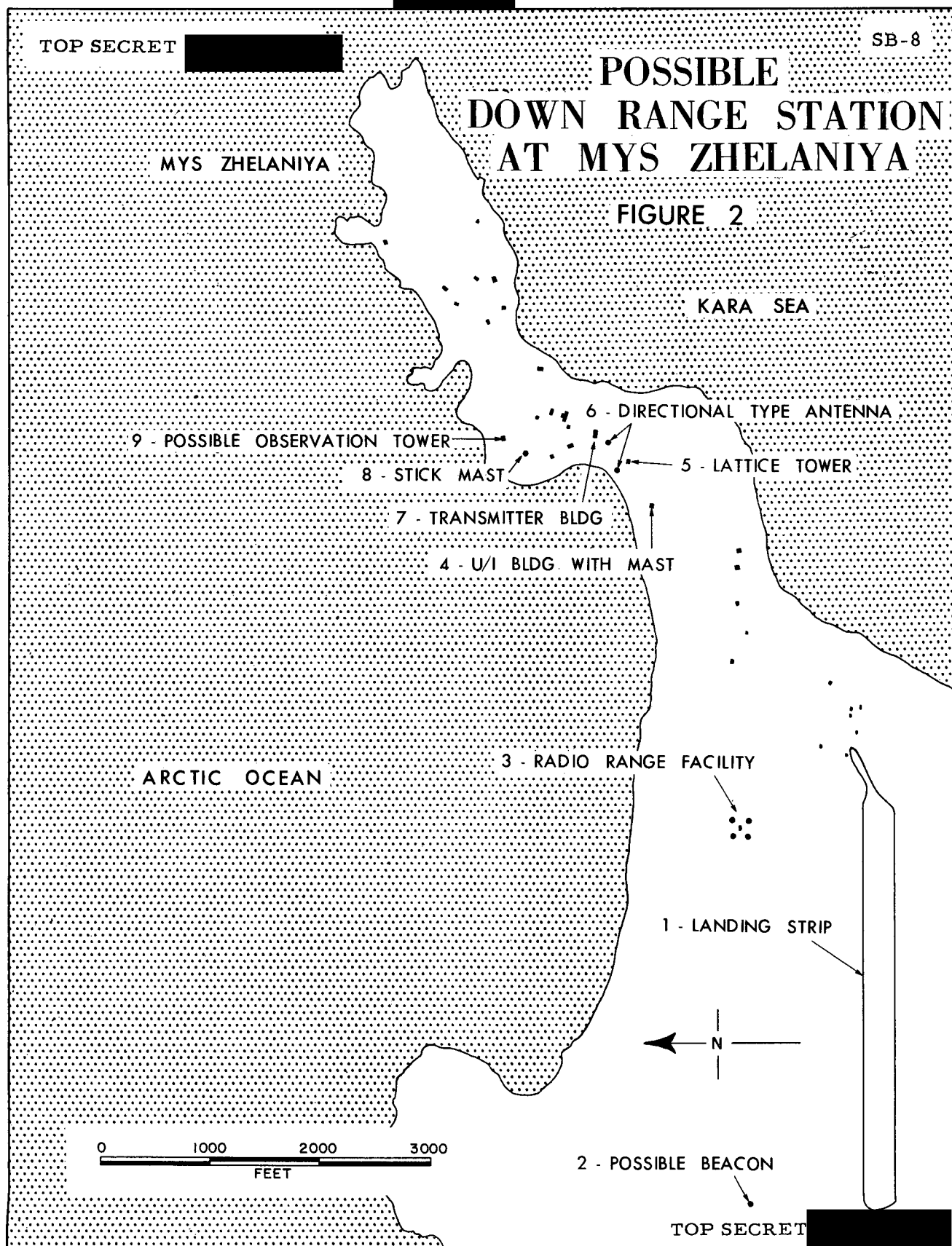
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# POSSIBLE DOWN RANGE STATION AT MYS ZHELANIYA

FIGURE 2



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